

(a) a first functional layer containing a plastic film that is a polyester, a polyamide, or a polyolefin, or an extrusion layer of a polyolefin, or one or more lacquer layers, or print and lacquer layers, or print layers;

(b) a metal foil having a thickness of 5 to 100 μm ; and

(c) a second functional layer containing a plastic layer that is a layer comprising a coextrusion-coated, a coextruded, and/or an extrusion-laminated film having a sequence of a first polypropylene layer, a polyamide layer, and a second polypropylene layer,

said first polypropylene is directly bonded to metal foil (b) or is bonded to metal foil (b) by means of a bonding agent layer or a laminate adhesive layer, and, optionally, a primer layer is on at least one surface of metal foil (b).

[Please amend Claim 19 as follows:]

19. (Twice Amended) The sterilizable composite film according to Claim 18, wherein the second functional layer (c) comprises a film having a sequence of a coextrusion coated first bonding agent layer, a first polypropylene layer, a second bonding agent layer, a polyamide layer, a third bonding agent layer, and a second polypropylene layer, the first bonding agent adhering together the metal foil (b) and the second functional layer (c).

[Please add new Claims 36 and 37.]

36. A sterilizable composite film containing a barrier layer that is impermeable to water vapor and gases comprising a metal foil and on both sides of the barrier layer at least one functional layer, the composite film having a layer structure containing one on top of the other in the following sequence:

(a) a first functional layer containing a plastic film that is a polyester, a polyamide, or a polyolefin, or an extrusion layer of a polyolefin, or one or more lacquer layers, or print and lacquer layers, or print layers;

(b) a metal foil having a thickness of 5 to 100 μm ; and

(c) a second functional layer containing a plastic layer that is a layer comprising a coextrusion-coated, a coextruded, and/or an extrusion-laminated film having a sequence of a first polypropylene layer, a polyamide layer, and a second polypropylene layer.

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C3
C310

37. A sterilizable composite film containing a barrier layer that is impermeable to water vapor and gases comprising a metal foil and on both sides of the barrier layer at least one functional layer, the composite film having a layer structure containing one on top of the other in the following sequence:

(a) a first functional layer containing a plastic film that is a polyester, a polyamide, or a polyolefin, or an extrusion layer of a polyolefin, or one or more lacquer layers, or print and lacquer layers, or print layers;

(b) a metal foil having a thickness of 5 to 100 μm ; and

(c) a second functional layer containing a plastic layer that is a layer comprising a coextrusion-coated, a coextruded, and/or an extrusion-laminated film having a sequence of a first polypropylene layer, a polyamide layer, and a second nonstretched polypropylene layer.